

grounds. However the jaws collected from Nannup Cave were compared with a series of both species named by Dr E. Lundelius and they agreed with *crassicaudata*, the identification being checked by Dr. A. R. Main and Mr. G. M. Storr. An imperfect jaw from Giant's Cave was probably that species also.

Lundelius' distribution map (1957: 178) gives the range of *S. crassicaudata* as east of the Darling scarp. The present records are the first, to my knowledge, of the occurrence of the species further west into the South-West and would suggest drier conditions when the creature existed there. This would be analogous to the record by Glauert (1948: 102) of the Dalgite, *Macrotis lagotis*, from the Mammoth Cave.

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FROM FIELD AND STUDY

Salvinia rotundifolia in Western Australia.—*Salvinia rotundifolia* Willd., a free-floating, aquatic fern native to tropical America, is commonly cultivated as an ornamental in local aquaria and garden ponds. This fern was recently collected from a swamp on the Bunbury road near the townsite of Harvey, where it is growing in association with *Azolla filiculoides*. The *Salvinia* covers nearly the whole surface of this large swamp. This occurrence is thought to be the second known instance of the naturalisation of *Salvinia* in our countryside.

The Fresh-Water Group of the W.A. Naturalists' Club has recorded this collection in its check-list of aquatic plants. The Group would welcome specimens of aquatics from all parts of the State. Flowering and fruiting material is preferable, but sterile plants may often prove useful for records of distribution. Specimens may be mailed to Mr. G. G. Smith, Botany Department, University of W.A. They are best sent damp, in plastic wrapping, in a cardboard box. Aquatic plants, for the purpose of this check list, are taken to be flowering plants, ferns and stone-worts (Charales) occurring in fresh water, and those plants, such as sedges and rushes, which are restricted to margins of pools or swampy soils inundated for considerable periods each year. The Group hopes later to publish the check list with notes and illustrations.

—G. G. Smith, University of W.A.